



TrueLine, surface mounted

SM530C 31S/940 SEIA U4 L1450 ALU

TrueLine, surface mounted, 21.5 W, 1450x55 mm; H88 mm, 3100 lm, 4000 K, CRI>90, Wireless, Interact Ready, UGR19, U4

1450x55 mm; H88 mm, Aluminum, Aluminum, Surface, Sensor ready driver Interact System ready for central emergency lighting, Upgradable sensor slot with SC200 sensor, 3100 lm, 21.5 W, 144 lm/W, 4000 K, (0.38, 0.38) SDCM <3, CRI>90, UGR19, Wide beam, Frosted, Polymethyl methacrylate, IP20 | Finger-protected, IK03 | 0.35 J reinforced, Safety class I, Push-in connector 3-pole, DC operated central emergency lighting

Warnings and Safety

- The product is IPX0 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed is suitably checked.
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Light Technical	
Luminous Flux	3,100 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	940 neutral white
Optic type	Wide beam

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Luminaire light beam spread	80°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	280 ms
Power Consumption	21.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	21
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready for central emergency lighting
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready
Embedded control	Upgradable sensor slot with SC200 sensor

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	Aluminum
Optical cover finish	Frosted
Overall length	1,450 mm
Overall width	55 mm
Overall height	88 mm
Dimensions (Height x Width x Depth)	88 x 55 x 1450 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]
Mounting	Surface
Net Weight (Piece)	3.700 kg

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

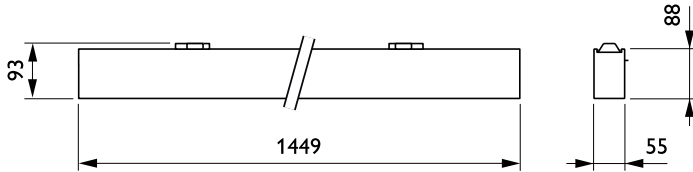
Product Data

Order product name	SM530C 31S/940 SEIA U4 L1450 ALU
Full product name	SM530C 31S/940 SEIA U4 L1450 ALU
Full product code	871951497209400
Order code	910505103240
Material Nr. (12NC)	910505103240
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514972094
Numerator - Packs per outer box	1

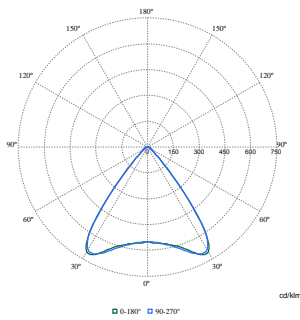
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EAN/UPC - Case	8719514972094
Product family code	SM530C [TrueLine OC]

Dimensional drawing



Photometric data



Polar Normal (separate) - SM530CI - 910505103240

